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## **636 TRAFFIC SIGNAL ON-SITE FIELD INSPECTION CHECKLIST**

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The following checklist includes the data to be collected in the field to be used to develop a base map of existing conditions for the design process for a traffic signal. The information gathered should not be limited to items found on the list. Conditions may warrant additional data.

- A. **As-Built Existing Traffic Signals or Underground Conduit & Pullboxes**
  - a. Pole Locations
  - b. Signal Heads
  - c. Control Cabinet Locations
  - d. Pullboxes (Location & Type)
  - e. Detector Locations & Sizes
  - f. Service Location (Existing & Proposed)
- B. **Pavement**
  - a. Width Dimensions (Face of Curb to Face of Curb)
  - b. Type (Asphalt, Dirt, Concrete, etc.)
- C. **Driveways, Alleys**
  - a. Locations
- D. **Curb, Gutter**
  - a. Type
- E. **Sidewalks**
  - a. Location
  - b. Widths
- F. **Wheelchair Ramps**
  - a. Location
  - b. Dimensions
- G. **Stop Bars**
  - a. Locations
- H. **Crosswalks**
  - a. Locations
- I. **Lane Widths**
  - a. Dimensions
  - b. Locations

**J. Channelization**

- a. Raised Medians
- b. Storage Areas for Left & Right Turns
- c. Reverse Curve/Transitions
- d. Roadway & Striping Tapers

**K. Roadway Grades**

**L. Sight Distances**

**M. Sight Restrictions**

- a. Signs, Buildings, Landscaping, etc

**N. Parking Restrictions**

- a. Bus Stops, On Street Parking, etc.

**O. Drainage Structures**

- a. Storm Drains, Manholes, Box Culverts, etc.

**P. Railroad Tracks**

- a. Location
- b. See MUTCD Section 8C-6 for pre-emption requirements.

**Q. Utilities**

- a. Location
- b. Type (OH Electric, HP Gas, Water, Telco, Sewer, Valves, etc.)
- c. Check for any overhead or underground conflicts
- d. Utility Company Name (Power)
- e. Power Source Location (Poles)

Special attention should be given to obtaining precise locations of utilities. Accurate horizontal and vertical clearance information should be obtained for overhead power lines.

**R. Right-of-Way**

- a. Markers, Fences, etc. (Note any pertinent information, stationing, etc.)

**S. Intersection Characteristics**

- a. Schools
- b. Industrial
- c. Highly Developed
- d. High Volumes
- e. Speed Limits on all legs